

**STEM,  
ICT &  
DIGITAL LITERACY**



# **TECHQUEST PROFILE**

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**TechQuest STEM  
Academy LTD/GTE**

1B, ADEBISI LADEJOBI  
CLOSE, OFF HAKEEM  
DICKSON LINK ROAD,  
LEKKI PHASE 1, LAGOS

✉ [info@tqstem.org](mailto:info@tqstem.org)  
🌐 [www.tqstem.org](http://www.tqstem.org)



# TECHQUEST PROFILE



*Empowering Africa for the Digital  
Economy*

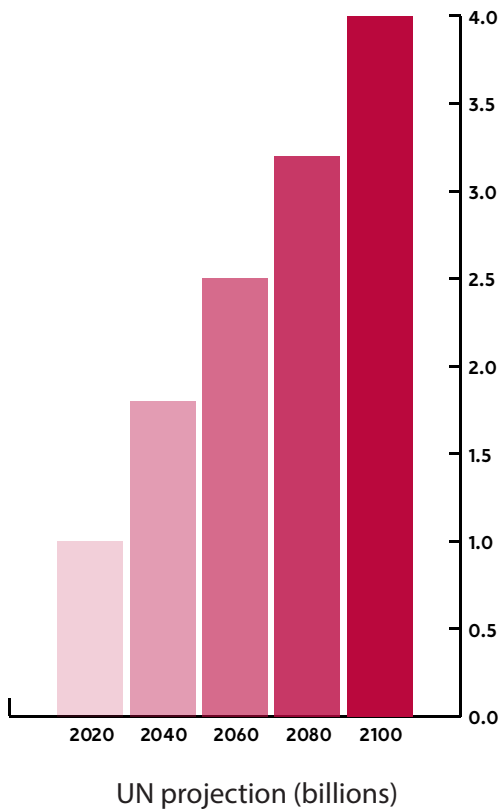
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# WHY WE EXIST

AFRICA'S POPULATION IS SET TO DOUBLE BY 2050 AND 70% WILL BE BELOW AGE 30.



By the end of the century, almost half the young people in the world will be in sub-Saharan Africa. These young Africans that should be a huge asset to the growth and development of Africa are disproportionately affected by the problems engulfing the continent; problems such as poor health care, poor educational system and lack of economic opportunities. Young Africans must be armed with those in-demand skill sets that is required in today's knowledge-based economy, because each missed opportunity to invest in our continent's workforce is a missed opportunity to spur innovation, unleash the transformative power of new and emerging technologies, and grow the economy at large.

TechQuest STEM Academy believes that young people have the energy, creativity and the ability to make a difference on the continent. They are an asset to the development of the continent and their respective communities; and with the right engagements, guidance and support, can become innovators, inventors and leaders of positive change in the continent.



**Young africans must be armed with those in-demand skill sets that is required in today's knowledge-based economy**

**MISSION-T**  
Powered by IHS Towers



# ABOUT US

TechQuest STEM Academy LTD/GTE is a nonprofit organization that provides education technology content, resources and tools for the delivery of STEM (Science, Technology, Engineering & Mathematics), ICT and Digital literacy programs to young Africans at scale.

We believe that STEM is the foundation for modern day economic growth and equipping young people with these skills will be critical for Africa's rise in the digital economy.



## MISSION

Our mission is to inspire African technology; raising the next million builders by imparting the building blocks of STEM, ICT and Digital Literacy; leveraging technology and community channels for scalable operations, minimal cost and a wider reach.

# WHAT WE DO

We work with STEM organizations, hubs and communities of educators to complement traditional academic learning with an in-depth introduction to STEM, ICT and Digital Literacy by providing content, resources, training and tools needed to drive capability building, innovation and evaluation at scale.

Our content is tailored to young people of ages 6 – 25 years preparing them for the jobs of the future of Africa.



CONTENT & PRODUCT  
DEVELOPMENT



PROGRAM DESIGN &  
IMPLEMENTATION



MONITORING AND EVALUATION



LEARNING ASSESSMENTS



RESEARCH AND DEVELOPMENT

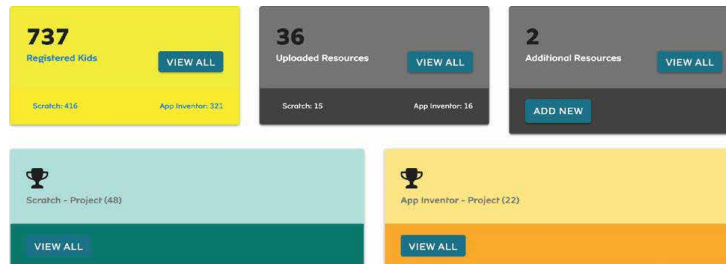


COMMUNITY ENGAGEMENT



## CONTENT & PRODUCT DEVELOPMENT:

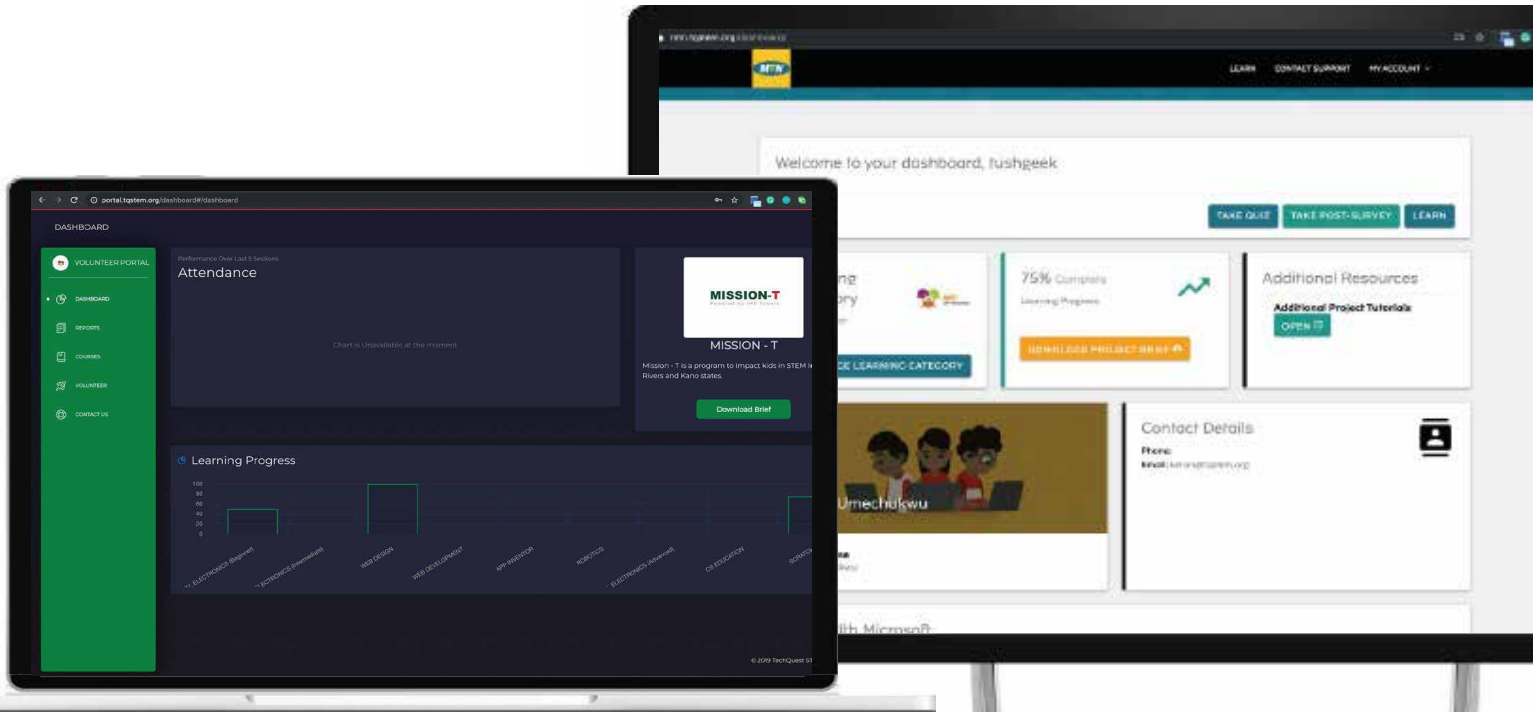
We create content using design thinking principles and build the tools necessary for the delivery of STEM, ICT and Digital Literacy programs.





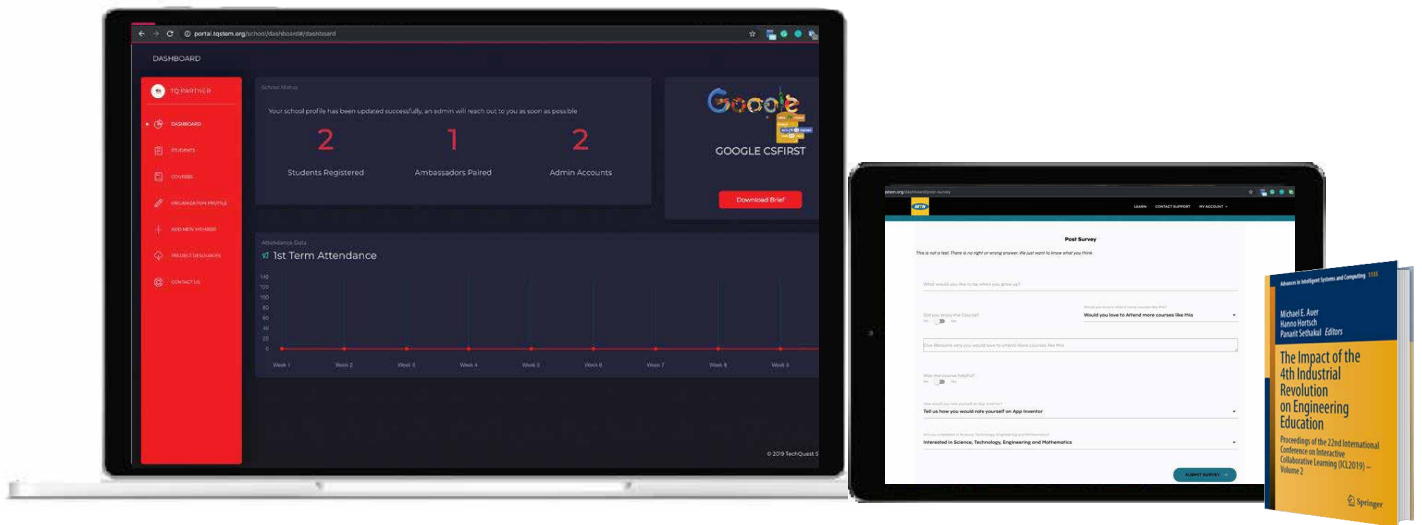
## PROGRAM DESIGN & IMPLEMENTATION:

We design and implement STEM/ICT programs that align with our mission to inspire African technology.



## MONITORING & EVALUATION:

Our drive for Research & Development puts data collection and analysis at the forefront of our engagements. We facilitate sustainable development by embedding a culture of scientific thinking in our engagements.



# OUR REACH

Since our inception in 2015, TechQuest has impacted almost 30,000 young people in STEM through various programs, partnering with local, international and governmental organizations. Our goal is to inspire and encourage more people into the STEM field to fill the gap that the world faces, which Africa can provide for a better and inclusive tomorrow.



**24,480**

Young People impacted



**16**

States in Nigeria



**245**

Engaged Schools



**883**

STEM Ambassadors



**1935**

Workshops delivered



**65**

Partner Organisations

# WHAT MAKES US DIFFERENT?

1

## OUR APPROACH TO LEARNING

Our focus is to facilitate the United Nation's sustainable development goals 4 and 8; Quality Education & Decent work and economic growth, by embedding the culture of scientific thinking in building our content and resources for education, as well as for skill development. Our content are designed to follow these paths:

2

## USE OF TECHNOLOGY

We employ the use of technology tools that aid our collaboration, automation and consolidation. Our community portal manages and organizes our community engagement, data and resources.

3

## COMMUNITY ENGAGEMENTS

We work with STEM organizations and educators, providing the tools and resources required for delivery of the STEM Programs at Scale. We also engage international and governmental bodies in this cause.

## DESIGN-FOCUS

Using design thinking techniques and experiments to facilitate learning through curiosity, activity and creativity (Inquiry-based learning)

## PRACTICAL APPLICATION

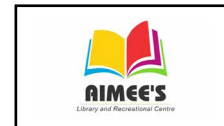
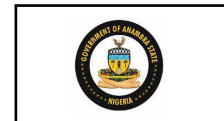
Applying knowledge and skills to real-world situations and constructing or prototyping solutions to challenges (project-based learning)

## INTEGRATION

Real world problems are not limited to discipline, so solutions must always draw from many fields, in order to become a real-world solution (Collaboration-based learning)

# OUR PARTNERS

Some of the organizations we work with:





# WHO WE ARE

YOU ARE ONLY AS GOOD AS  
YOUR TEAM

“Alone we can do so little, together we can do so much.” -Helen Keller



**PETER BAMKOLE**  
*CHAIRMAN, BOARD OF TRUSTEES*

Peter is the Director of the Enterprise Development Center of the Lagos Business School. He has a B.Sc in Engineering from the University of Greenwich and an MBA from the Lagos Business School.



**ITORO EMEBOLU**  
*MANAGING DIRECTOR*

Itoro is the Executive Director of TechQuest STEM Academy, with over 15 years cumulative experience in Telecommunications, Service Quality, Strategic Planning, Research, M&E and STEM Engagement. She has a Bachelor of Engineering, and MSc in International Business, Energy and Petroleum, an MPhil in Management and a PhD in Computer Networks & Security.



**CHARLES EMEBOLU**  
*DIRECTOR*

Charles is the Executive Director of Crestsage, on the Board of Lion Science Park, a member of the Nigeria Economic Summit Group (NESG). He is a certified Project Management Professional with over 16 years cognate experience in the areas of Computer Networks, IT Strategy, Project & Change Management, Business Transformation, It Consultancy and Entrepreneurship.



**HELEN EMORE**  
*DIRECTOR*

Helen serves as a Director at Courtville Business SOLUTIONS PLC and STACO Insurance PLC. She is a professional Business Development, Strategy and Marketing expert with over 24 years of experience working with major corporates across multiple sectors.

## — MEMBER TEAM



**OLUMIDE ADERINWALE**  
OPERATIONS MANAGER



**ADEOLA ADEDIRAN**  
OPERATIONS EXECUTIVE



**ABDULKABIR SULAIMON**  
COMMUNITY MANAGER



**IFEANYI NWOKEDI**  
COMMUNICATIONS



# Get Involved

Through volunteering, partnerships, and support to implement projects and programs to prepare our young population for the future of Africa.

More information: [info@tqstem.org](mailto:info@tqstem.org)

To volunteer: [community@tqstem.org](mailto:community@tqstem.org)

To partner or donate: [partner@tqstem.org](mailto:partner@tqstem.org)

Website: <https://tqstem.org>

# OUR LINKS

## VISIT US

S/N	PAGE	LINK
1	Our Website	<a href="https://tqstem.org">https://tqstem.org</a>
2	Join Our Network	<a href="https://portal.tqstem.org">https://portal.tqstem.org</a>
3	TQ STEM Kit	<a href="https://tqstem.org/shop">https://tqstem.org/shop</a>
4	Updates	<a href="https://tqstem.org/blog">https://tqstem.org/blog</a>

## SOCIAL MEDIA



<https://twitter.com/techquestcamp>



<https://facebook.com/techquestcamp>



<https://instagram.com/techquestcamp>



<https://linkedin.com/company/techquestafrika>



<https://youtube.com/c/TechQuestSTEMAcademy>

# COMPANY PROFILE

**CONTENT & PRODUCT DEVELOPMENT, PROGRAM  
DESIGN & IMPLEMENTATION, MONITORING AND  
EVALUATION, LEARNING ASSESSMENTS, RESEARCH AND  
DEVELOPMENT, COMMUNITY ENGAGEMENT**

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